

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



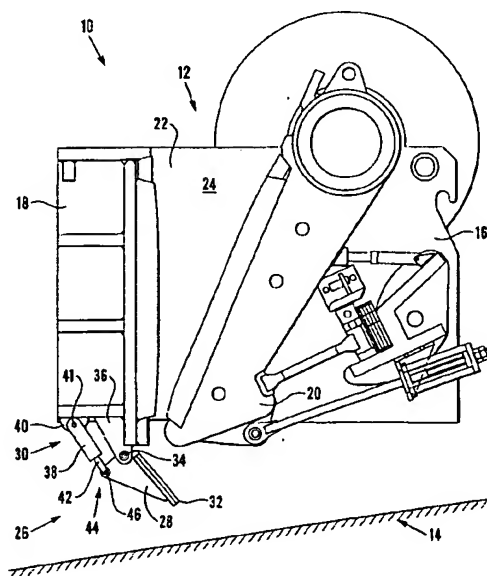
(43) International Publication Date  
19 February 2004 (19.02.2004)

PCT

(10) International Publication Number  
**WO 2004/014558 A1**

- (51) International Patent Classification<sup>7</sup>: **B02C 1/02**
- (21) International Application Number:  
PCT/GB2003/003429
- (22) International Filing Date: 7 August 2003 (07.08.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
0218306.9 7 August 2002 (07.08.2002) GB
- (71) Applicant (for all designated States except US): **BL-PEG-SON LIMITED** [GB/GB]; Mammoth Street, Coalville, Leicestershire, LE67 3GN (GB).
- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- (72) Inventor; and  
(75) Inventor/Applicant (for US only): **BOAST, Ian** [GB/GB]; 29 Britannia Drive, Stretton, Burton on Trent, Staffordshire DE13 0EW (GB).
- (74) Agent: **CHURCH, Simon, John**; Marks & Clerk, 144 New Walk, Leicester LE1 7JA (GB).
- Published:  
— with international search report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: CRUSHER ASSEMBLY



(57) Abstract: A jaw crusher (12) comprises a frame (16) having two side walls (22) and a pair of jaws (18, 20) disposed between the side walls (22), which define a crushing chamber (24) for receiving material to be crushed. A deflector plate (28) is pivotally mounted adjacent the outlet of the crushing chamber (24), which is movable under action of hydraulic cylinders (38) for clearing objects which become blocked in the outlet in use. The deflector plate (28) can be mounted on one of the jaws (18), on the frame (16) or on a discharge conveyor (14) positioned below the outlet of the crushing chamber (24).

WO 2004/014558 A1